

result No.	Score	% Match		Length	DB	ID	Description
1	4319	87.9	907	9	US-10-008-739A-2	Sequence 2, Appli	
2	2029.5	41.3	388	9	US-09-997-267-2	Sequence 2, Appli	
3	1493.5	20.4	294	9	US-09-997-267-4	Sequence 4, Appli	
4	1243	25.3	246	9	US-09-885-827-1	Sequence 1, Appli	
5	788	16.0	314	9	US-09-887-280-4	Sequence 4, Appli	
6	728	14.8	240	10	US-09-905-176-13	Sequence 13, Appl	
7	666	13.6	215	10	US-09-905-176-11	Sequence 11, Appl	
8	636	12.9	284	9	US-09-853-450-20	Sequence 20, Appl	
9	502	10.2	595	9	US-10-052-092-31	Sequence 31, Appl	
10	481	9.8	595	10	US-09-853-033-2	Sequence 2, Appli	
11	478	9.7	595	9	US-10-096-710-1	Sequence 1, Appli	
12	478	9.7	595	9	US-10-081-563-2	Sequence 2, Appli	
13	478	9.7	595	9	US-10-052-092-9	Sequence 9, Appli	
14	478	9.7	595	9	US-10-052-092-13	Sequence 13, Appl	
15	478	9.7	595	9	US-10-052-092-14	Sequence 14, Appl	
16	478	9.7	595	10	US-09-933-367A-2	Sequence 2, Appli	
17	478	9.7	701	9	US-10-052-092-12	Sequence 12, Appl	
18	474.5	9.7	595	9	US-10-052-092-30	Sequence 30, Appl	
19	461.5	9.4	575	10	US-09-893-666A-2	Sequence 2, Appli	

[illegible]

QY 222 SSKDNYLGSTSTSDNAKELCAVSVSMGLGVEALEHLSPEQRLGDCWAPILGVPVAV 281
Db 223 SSKDSYLGSSSTISDAKELCAVSVSMGLGVEALEHLSPEQRLGDCWAPILGVPVAV 282
QY 282 RPTPCAPLAECKGSLDDDSAGKSTEDTAEYSPFKGGYTKGLESLGCGSAAAGSGSTL 341
Db 283 R-PCAPLAECKGSLDDDSAGKSTEDTAEYSPFKAGYAKGLDGLGCGSSSEAGSGSTL 340
QY 342 ELPTSLSLXKSGALDEAAAYQRDYNFPLALAGPPPPPPHARIKLENPLDYGSAW 401
Db 341 EMPSTLSLXKSGALDEAAAYQRDYNFPLSLGPPPPPPHARIKLENPLDYGSAW 400
QY 402 AAAAOCRYGDLASLHGAAGPGSGPSAAASSSHWTLFTAEQOLXPCGGGGGGGG 461
Db 401 AAAAOCRYGDLASLHGAAGPGSGPSATSSSHWTLFTAEQOLXPCGGGGGGGG 460
QY 462 GGGGGGGGGGGGGGAGAVAPYGYTRPPQGLAGQESDFTAPDVVYPGGMYSRVYPSP 521
Db 461 DG-----GSVAPYGYTRPPQGLAGQESDFTAPDVVYPGGMYSRVYPSP 505
QY 522 CVKSEMGWMDSYGPGYGMRLTARDHVLPIDYFPPOKTCCLICGDEASGCHYGALTCG 581
Db 506 CVKSEMGWMDSYGPGYGMRLTARDHVLPIDYFPPOKTCCLICGDEASGCHYGALTCG 565
QY 582 SKVFFKRAAGKOKYLCAASRNDCTIDKFRKNCPSCLRLKCYEAGMTLGARKKLGNL 641
Db 566 SKVFFKRAAGKOKYLCAASRNDCTIDKFRKNCPSCLRLKCYEAGMTLGARKKLGNL 625
QY 642 KLOEGEASSTTPTETTKLVSHIEGYECQPIFLNVLEAIEPGVVCAGHNNQPDPSF 701
Db 636 KLOEGEASSTTPTETTKLVSHIEGYECQPIFLNVLEAIEPGVVCAGHNNQPDPSF 685
QY 702 AALLSSNELGEROLVHVVKWAKALPGFRNLHVDDQMAVIOYSWMLVFMFAMGWSFTNV 761
Db 686 AALLSSNELGEROLVHVVKWAKALPGFRNLHVDDQMAVIOYSWMLVFMFAMGWSFTNV 745
QY 762 NSRMLYFAPDLVFNVEYRMHKSRYMYSQCVMRHLSQBEFGLWQITPQEFCLMKALLFSIIP 821
Db 746 NSRMLYFAPDLVFNVEYRMHKSRYMYSQCVMRHLSQBEFGLWQITPQEFCLMKALLFSIIP 805
QY 822 VDGLKNQKFFDELRMNYIKELDRILIAACKRNKPTSCSRFFYQLTKLLDSVQPIARELHQFT 881
Db 806 VDGLKNQKFFDELRMNYIKELDRILIAACKRNKPTSCSRFFYQLTKLLDSVQPIARELHQFT 865
QY 882 FDLILKSHWSDPPEMAEIIISVQVPKILSGVKPIYFHTQ 923
Db 866 FDLILKSHWSDPPEMAEIIISVQVPKILSGVKPIYFHTQ 907

RESULT 2
US-09-997-267-2
; Sequence 2, Application US/09997267
; Patent No. US20020165381A1
; GENERAL INFORMATION:
; APPLICANT: AURENS-FATH, ISABELLE
; APPLICANT: HAENDLER, BERNARD
; TITLE OF INVENTION: HUMAN ANDROGEN RECEPTOR VARIANTS
; FILE REFERENCE: SCH-1793
; CURRENT APPLICATION NUMBER: US/09/997,267
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/255,078
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 388
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-997-267-2
Query Match 41.3%; Score 2029.5; DB 9; Length 388;
Best Local Similarity 97.2%; Pred. No. 3.3e-107;
Matches 383; Conservative 1; Mismatches 1; Indels 9; Gaps 1;

QY 530 WMDSYSGPYGDMRLTARDHVLPIDYFPPOKTCCLICGDEASGCHYGALTCGSKVFFKR 589
Db 4 WLHS-----LETARDHVLPIDYFPPOKTCCLICGDEASGCHYGALTCGSKVFFKR 54
QY 590 AAEGKOKYLCAASRNDCTIDKFRKNCPSCLRLKCYEAGMTLGARKKLGNLQLOEGEA 649
Db 55 AAEGKOKYLCAASRNDCTIDKFRKNCPSCLRLKCYEAGMTLGARKKLGNLQLOEGEA 114
QY 650 SSTTPTETTKLVSHIEGYECQPIFLNVLEAIEPGVVCAGHNNQPDPSFAALLSSLN 709
Db 115 SSTTPTETTKLVSHIEGYECQPIFLNVLEAIEPGVVCAGHNNQPDPSFAALLSSLN 174
QY 710 ELGEROLVHVVKWAKALPGFRNLHVDDQMAVIOYSWMLVFMFAMGWSFTNVNRSMLYFA 769
Db 175 ELGEROLVHVVKWAKALPGFRNLHVDDQMAVIOYSWMLVFMFAMGWSFTNVNRSMLYFA 234
QY 770 PDLVFNVEYRMHKSRYMYSQCVMRHLSQBEFGLWQITPQEFCLMKALLFSIIPVGLKNQK 829
Db 235 PDLVFNVEYRMHKSRYMYSQCVMRHLSQBEFGLWQITPQEFCLMKALLFSIIPVGLKNQK 294
QY 830 FDELRMNYIKELDRILIAACKRNKPTSCSRFFYQLTKLLDSVQPIARELHQFTFOLLIKSH 889
Db 295 FDELRMNYIKELDRILIAACKRNKPTSCSRFFYQLTKLLDSVQPIARELHQFTFOLLIKSH 354
QY 890 MVSVDPEMAEIIISVQVPKILSGVKPIYFHTQ 923
Db 355 MVSVDPEMAEIIISVQVPKILSGVKPIYFHTQ 388

RESULT 3
US-09-997-267-4
; Sequence 4, Application US/09997267
; Patent No. US20020165381A1
; GENERAL INFORMATION:
; APPLICANT: AURENS-FATH, ISABELLE
; APPLICANT: HAENDLER, BERNARD
; TITLE OF INVENTION: HUMAN ANDROGEN RECEPTOR VARIANTS
; FILE REFERENCE: SCH-1793
; CURRENT APPLICATION NUMBER: US/09/997,267
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/255,078
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 294
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-997-267-4
Query Match 30.4%; Score 1493.5; DB 9; Length 294;
Best Local Similarity 100.0%; Pred. No. 3.9e-77;
Matches 277; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 543 LETARDHVLPIDYFPPOKTCCLICGDEASGCHYGALTCGSKVFFKRAAGKOKYLCAASR 602
Db 8 LETARDHVLPIDYFPPOKTCCLICGDEASGCHYGALTCGSKVFFKRAAGKOKYLCAASR 67
QY 603 NDCTIDKFRKNCPSCLRLKCYEAGMTLGARKKLGNLQLOEGEASSTTPTETTKOK 662
Db 68 NDCTIDKFRKNCPSCLRLKCYEAGMTLGARKKLGNLQLOEGEASSTTPTETTKOK 127
QY 663 LTVSHIEGYECQPIFLNVLEAIEPGVVCAGHNNQPDPSFAALLSSNELGEROLVHVVKW 722
Db 128 LTVSHIEGYECQPIFLNVLEAIEPGVVCAGHNNQPDPSFAALLSSNELGEROLVHVVKW 187
QY 723 AKALPGFRNLHVDDQMAVIOYSWMLVFMFAMGWSFTNVNRSMLYFAPDLVFNVEYRMHKS 782
Db 188 AKALPGFRNLHVDDQMAVIOYSWMLVFMFAMGWSFTNVNRSMLYFAPDLVFNVEYRMHKS 247
QY 783 RMYSCVVRHLSQBEFGLWQITPQEFCLMKALLFSI 819

Db 248 RMYSOVVRHRLSOFEGWLQITPQEFCLMKALLFSI 284

RESULT 4

US-09-885-827-1
; Sequence 1, Application US/09885827
; Patent No. US20020173445A1
; GENERAL INFORMATION:
; APPLICANT: Salvati, Mark
; APPLICANT: Attar, Ricardo M
; APPLICANT: Gottardis, Marco M
; APPLICANT: Kystek Jr., Stanley R
; APPLICANT: Sack, John S
; TITLE OF INVENTION: SELECTIVE ANDROGEN RECEPTOR MODULATORS AND METHODS FOR
; THEIR IDENTIFICATION, DESIGN AND USE
; TITLE OF INVENTION: THEIR IDENTIFICATION, DESIGN AND USE
; FILE REFERENCE: LD0250(NP)
; CURRENT APPLICATION NUMBER: US/09/885,827
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/284,438
; PRIOR FILING DATE: 2001-04-18
; PRIOR FILING DATE: 2000-06-28
; PRIOR FILING DATE: 2000-06-28
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-885-827-1

Query Match 25.3%; Score 1243; DB 9; Length 246;
Best Local Similarity 97.2%; Pred. No. 4.2e-63;
Matches 239; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 676 IFNLVLEAIEPGVVCAGHDNPDFAALLSSNLGERQLVHVVKAKALPGFRNLHVD 735
Db 1 IFNLVLEAIEPGVVCAGHDNPDFAALLSSNLGERQLVHVVKAKALPGFRNLHVD 60
QY 736 DQMAVIOYSWGLMVFAMGWRSTFTVNSRMILYFAPDLVFNRYMHKSRMYSQCVRMRHLS 795
Db 61 DQMAVIOYSWGLMVFAMGWRSTFTVNSRMILYFAPDLVFNRYMHKSRMYSQCVRMRHLS 120
QY 796 QEFGLWQITPQEFCLMKALLFSIIPVDGLKNQKFFDELRLNMIKELDRITACKRKNPTS 855
Db 121 QEFGLWQITPQEFCLMKALLFSIIPVDGLKNQKFFDELRLNMIKELDRITACKRKNPTS 180
QY 856 CSRRFYQLTKLDSVQPIARELHQFTFDLLIKSHMVSVDPEMMAEIIISVQPKILSGKV 915
Db 181 CSRRFYQLTKLDSVQPIARELHQFTFDLLIKSHMVSVDPEMMAEIIISVQPKILSGKV 240
QY 916 KPIYFH 921
Db 241 KPIYFH 246

RESULT 5

US-09-887-280-4
; Sequence 4, Application US/09887280
; Publication No. US20020197670A1
; GENERAL INFORMATION:
; APPLICANT: PRICE, THOMAS M.
; TITLE OF INVENTION: MEMBRANE ASSOCIATED PROGESTERONE RECEPTOR
; FILE REFERENCE: GHS-338
; CURRENT APPLICATION NUMBER: US/09/887,280
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/213,340
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 314
; TYPE: PRT
; ORGANISM: Homo sapiens

US-09-887-280-4

Query Match 16.0%; Score 788; DB 9; Length 314;
Best Local Similarity 49.5%; Pred. No. 2.4e-37;
Matches 146; Conservative 68; Mismatches 75; Indels 6; Gaps 1;
QY 633 RKLKKNLKLQEEGEASSTSP-----TEETQKLTVSHIEGVEQCFPLNLEATEP 686
Db 18 RKFKNKFNKVRVRAIDVALPQLGVPNESQALSQFTSPGQDIQLPPLINLLMSTEP 77
QY 687 GVCAGHDNPDFAALLSSNLGERQLVHVVKAKALPGFRNLHVDQMAVIOYSWM 746
Db 78 DVIYAGHDNTKPTSSLTSLNQLGERQLLSVVKWSKSLPGRNLHDDQITLLIOYSWM 137
QY 747 GLMVFAMGWRSTFTVNSRMILYFAPDLVFNRYMHKSRMYSQCVRMRHLSQFEGWLQITPQ 806
Db 138 SLMVFGLGWRSYKHVSCQMLYFAPDLILNEQRMKESFSLCTWQIPQEFVKLQVSOE 197
QY 807 EFLCMKALLFSIIPVDGLKNQKFFDELRLNMIKELDRITACKRKNPTSRRFYQLTKL 866
Db 198 EFLCMKVVLLLLNTIPLEGRSQTFEEMRSSYIRELIKAIGLRQKGVVSSQRFVQLTKL 257
QY 867 LDSVQPIARELHQFTFDLLIKSHMVSVDPEMMAEIIISVQPKILSGKVKIYFH 921
Db 258 LDNLHDLVKQLHLYCLNTFIQSRLSVSEFPEMMEVIAAQLPKILAGHVKLELPH 312

RESULT 6

US-09-905-176-13
; Sequence 13, Application US/09905176
; Patent No. US20020150906A1
; GENERAL INFORMATION:
; APPLICANT: CALIFORNIA INSTITUTE OF TECHNOLOGY
; APPLICANT: Debe, Derek A.
; TITLE OF INVENTION: METHOD FOR DETERMINING THREE-DIMENSIONAL PROTEIN STRUCTURE FROM
; FILE REFERENCE: 265/297
; CURRENT APPLICATION NUMBER: US/09/905,176
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: US 60/218,016
; PRIOR FILING DATE: 2000-07-12
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 240
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-905-176-13

Query Match 14.8%; Score 728; DB 10; Length 240;
Best Local Similarity 55.3%; Pred. No. 4.3e-34;
Matches 131; Conservative 55; Mismatches 51; Indels 0; Gaps 0;

QY 675 PIFNLVLEAIEPGVVCAGHDNPDFAALLSSNLGERQLVHVVKAKALPGFRNLHV 734
Db 4 PPLINLLMSIEPDVIYAGHDNTKPTSSLTSLNQLGERQLLSVVKWSKSLPGRNLHI 63
QY 735 DQMAVIOYSWGLMVFAMGWRSTFTVNSRMILYFAPDLVFNRYMHKSRMYSQCVRMRHL 794
Db 64 DQITLLIOYSWMSLMVFLGWRSYKHVSGQMLYFAPDLILNEQRMKESFSLCTWQI 123
QY 795 SQFEGWLQITPQEFCLMKALLFSIIPVDGLKNQKFFDELRLNMIKELDRITACKRKNPT 854
Db 124 PQEFVKLQVSOEFLCMKVVLLNTIPLEGRSQTFEEMRSSYIRELIKAIGLRQKGVV 183
QY 855 CSRRFYQLTKLDSVQPIARELHQFTFDLLIKSHMVSVDPEMMAEIIISVQPKIL 911
Db 184 SSSORFYQLTKLDSVQPIARELHQFTFDLLIKSHMVSVDPEMMEVIAAQLPKIL 240

RESULT 7

US-09-905-176-11
; Sequence 11, Application US/09905176

Patent No. US20020150906A1
; GENERAL INFORMATION:
; APPLICANT: CALIFORNIA INSTITUTE OF TECHNOLOGY
; APPLICANT: Debe, Derek A.
; TITLE OF INVENTION: METHOD FOR DETERMINING THREE-DIMENSIONAL PROTEIN STRUCTURE FROM P
; TITLE OF INVENTION: PROTEIN SEQUENCE
; FILE REFERENCE: 265/297
; CURRENT APPLICATION NUMBER: US/09/905,176
; CURRENT FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: US 60/218,016
; PRIOR FILING DATE: 2000-07-12
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 215
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-905-176-11

Query Match 13.6%; Score 666; DB 10; Length 215;
Best Local Similarity 55.6%; Pred. No. 1.2e-30;
Matches 119; Conservative 50; Mismatches 45; Indels 0; Gaps 0;

QY 691 AGHNNOPDSFAALLSSNLGERQLVHVYKWKALPGFRNLHVDQMAVIOYSWMLMV 750
Db 1 AGHNTKPDPTSSSLTSLNQLGERQLLSVVKWSKSLPGFRNLHIDDQITLIQYSWMLMV 60

QY 751 FAMGRFTVNSRMLEYFADPLVFNRYMHKSRMYSOCVPMRHLHSDQEGWLTQITPQEFIC 810
Db 61 FGLGWSYKHSVGMQLYFADPLVFNRYMHKSRMYSOCVPMRHLHSDQEGWLTQITPQEFIC 120

QY 811 MKALLFIIPVDGLKNOKFDELNMNIIKELDRITACRKNPTSCRRFYQTLKLDSV 870
Db 121 MKVLLTNTPLGLRSQTOFEMRSYIRELKAIGLRQKGVSSQRFYQTLKLDSV 180

QY 871 OPIARELHQFTFDLLIKSHMVSDFFEMAEIIS 904
Db 181 HDLVKQLHLVCLNTFIQSRALSVEFFEMSEVIA 214

RESULT 8
US-09-853-450-20
; Sequence 20, Application US/09853450
; Publication No. US20020194645A1
; GENERAL INFORMATION:
; APPLICANT: Yanofsky, Martin F.
; APPLICANT: Pelaz, Soraya
; APPLICANT: Ditta, Gary
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Combinations of Genes for Producing Seed Plants
; TITLE OF INVENTION: Exhibiting Modulated Reproductive Development
; FILE REFERENCE: 19452A-002400US
; CURRENT APPLICATION NUMBER: US/09/853,450
; CURRENT FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 20
; LENGTH: 284
; TYPE: PRT
; ORGANISM: Rattus norvegicus
; FEATURE:
; OTHER INFORMATION: rat glucocorticoid receptor ligand binding domain
US-09-853-450-20

Query Match 12.9%; Score 636; DB 9; Length 284;
Best Local Similarity 44.1%; Pred. No. 7.9e-29;
Matches 126; Conservative 56; Mismatches 98; Indels 6; Gaps 2;

QY 636 KKLGNKLQEEGEASSTSPTEETQKLTVSHIEGYEQPIFLNVLAEIIEPVGVCAGHDN 695
Db 3 KRKIQQATAGVSODTSENPNKTIIVPAALPOL-----TPTLVSLEVEIPEVLYAGYDS 57

QY 696 NQPDSSFAALLSSNLGERQLVHVYKWKALPGFRNLHVDQMAVIOYSWMLMVFMGW 755

Db 58 SVPDSAWRIMTTLMGLGRQVIAAVKAKAILGLRNLHDDQMTLQYSWMFLMAFALGW 117

QY 756 RSFTVNSRMLEYFADPLVFNRYMHKSRMYSOCVPMRHLHSDQEGWLTQITPQEFIC 815
Db 118 RSYRNSGNLCFADPLVFNRYMHKSRMYSOCVPMRHLHSDQEGWLTQITPQEFIC 177

QY 816 LFSIIPVDGLKNOKFDELNMNIIKELDRITACRKNPTSCRRFYQTLKLDSVQPIAR 875
Db 178 LLSVAKELGKSLQELFDEIRMTYIKELGKAIKREGNSQNMWQRFYQTLKLDSMHEWE 237

QY 876 ELHQFTFDLLIKSHMVSDFFEMAEIISVQPKILSKVKPIYFH 921
Db 238 NLLTYCFQTFDFTKM-SIEFFEMAEIITNIPKYSNGNIKLLFH 282

RESULT 9
US-10-052-092-31
; Sequence 31, Application US/10052092
; Publication No. US20030027778A1
; GENERAL INFORMATION:
; APPLICANT: Fuqua, Suzanne
; APPLICANT: Allred, D.
; APPLICANT: Hopp, Torsten A.
; APPLICANT: O'Connell, Peter
; TITLE OF INVENTION: Methods and Composition in Breast Cancer Diagnosis and Therapie
; FILE REFERENCE: P02102052
; CURRENT APPLICATION NUMBER: US/10/052,092
; CURRENT FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 60/262,990
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: US 60/304,018
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31
; LENGTH: 595
; TYPE: PRT
; ORGANISM: pig
US-10-052-092-31

Query Match 10.2%; Score 502; DB 9; Length 595;
Best Local Similarity 26.0%; Pred. No. 6.3e-21;
Matches 153; Conservative 104; Mismatches 220; Indels 112; Gaps 21;

QY 381 PPHPHARIKLENPLDYGSNAAAAAQCRCYGLASLHAGAGPGSGPSAAASSWHTL 440
Db 25 PLNRPOLKIPLERPL--GEVYDSSKPAVIN-----YPEGAYDFNAAAAASA----- 70

QY 441 FTABEGOLYPCGG 500
Db 71 -----PVYQSGLAYPGGSEAAAFANGGLGCFQPLNSVSPSLVLLHPPP---QLSPF 120

QY 501 TAPDVWYPGGMVSRVY-----PSPCTVKSEMPWMDSYSGP----- 537
Db 121 L-----HPHG--QQVPYILENEPSYAVR--EAGP--PATRPNSDNRROGGRERLASTSD 170

QY 538 YGDMRLTARDHVLPIDYEPPOKTCILICDEASGCHYGALTCGCKYFFKRAAEGKOKY 597
Db 171 KGSMAESAKE-----TRYCAVNDYASGVHYGVWSCGCKAFKRSIQCHNDY 219

QY 598 LCASRNCTIDKFRKNCPCRLKCYEAGMTLGA--RLKLLGNL-----KLOEEGEASST 652
Db 220 MCPATNCTIDKRRKSCQACRLKCYEVGMKGGIRKDRRGGRMLKHRRKDDGGRNE 279

QY 653 TSPEET-----TQKLTVSHIEGYEQPI-----FLNVLAEIIEPVGVCAGHDN 699
Db 280 AVPCDMESANLWPSLLIKHTK--KNSPVLSTADOMISALLEAEPPITTYSEYDPTPL 337

QY 700 SFAALLSSNLGERQLVHVYKWKALPGFRNLHVDQMAVIOYSWMLMVFMAGHRSFT 759
Db 338 SEASMMGLLTNLADRELVLHMINNAKRVPGFDLSLDQVHLLLECAWLEITLIGLVMSRME 397

